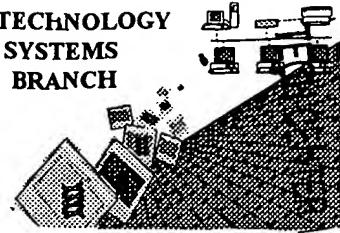


1644

## RAW SEQUENCE LISTING ERROR REPORT

BIOTECHNOLOGY  
SYSTEMS  
BRANCH



#1  
FEB 12 2002

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The Biotechnology Systems Branch of the Scientific and Technical Information Center (STIC) detected errors when processing the following computer readable form:

Application Serial Number: 09/742,148  
Source: OIP  
Date Processed by STIC: 1/28/2002

**THE ATTACHED PRINTOUT EXPLAINS DETECTED ERRORS.**

**PLEASE FORWARD THIS INFORMATION TO THE APPLICANT BY EITHER:**

- 1) INCLUDING A COPY OF THIS PRINTOUT IN YOUR NEXT COMMUNICATION TO THE APPLICANT, WITH A NOTICE TO COMPLY or,
- 2) TELEPHONING APPLICANT AND FAXING A COPY OF THIS PRINTOUT, WITH A NOTICE TO COMPLY

**FOR CRF SUBMISSION QUESTIONS, PLEASE CONTACT MARK SPENCER, 703-308-4212.**

**FOR SEQUENCE RULES INTERPRETATION, PLEASE CONTACT ROBERT WAX, 703-308-4216.**

**PATENTIN 2.1 e-mail help: [patin21help@uspto.gov](mailto:patin21help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**PATENTIN 3.0 e-mail help: [patin3help@uspto.gov](mailto:patin3help@uspto.gov) or phone 703-306-4119 (R. Wax)**

**TO REDUCE ERRORED SEQUENCE LISTINGS, PLEASE USE THE CHECKER VERSION 3.1 PROGRAM, ACCESSIBLE THROUGH THE U.S. PATENT AND TRADEMARK OFFICE WEBSITE. SEE BELOW FOR ADDRESS:**

**<http://www.uspto.gov/web/offices/pac/checker>**

Applicants submitting genetic sequence information electronically on diskette or CD-Rom should be aware that there is a possibility that the disk/CD-Rom may have been affected by treatment given to all incoming mail.

Please consider using alternate methods of submission for the disk/CD-Rom or replacement disk/CD-Rom.

Any reply including a sequence listing in electronic form should NOT be sent to the 20231 zip code address for the United States Patent and Trademark Office, and instead should be sent via the following to the indicated addresses:

1. EFS-Bio (<<http://www.uspto.gov/ebc/efs/downloads/documents.htm>> , EFS Submission User Manual - ePAVE)
2. U.S. Postal Service: U.S. Patent and Trademark Office, Box Sequence, P.O. Box 2327, Arlington, VA 22202
3. Hand Carry directly to:  
U.S. Patent and Trademark Office, Technology Center 1600, Reception Area, 7<sup>th</sup> Floor, Examiner Name, Sequence Information, Crystal Mall One, 1911 South Clark Street, Arlington, VA 22202  
Or  
U.S. Patent and Trademark Office, Box Sequence, Customer Window, Lobby, Room 1B03, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202
4. Federal Express, United Parcel Service, or other delivery service to: U.S. Patent and Trademark Office, Box Sequence, Room 1B03-Mailroom, Crystal Plaza Two, 2011 South Clark Place, Arlington, VA 22202

Revised 01/29/2002

# Raw Sequence Listing Error Summary

## ERROR DETECTED

## SUGGESTED CORRECTION

SERIAL NUMBER: 09/242,148

ATTN: NEW RULES CASES: PLEASE DISREGARD ENGLISH "ALPHA" HEADERS, WHICH WERE INSERTED BY PTO SOFTWARE

- 1      Wrapped Nucleics  
    Wrapped Aminos      The number/text at the end of each line "wrapped" down to the next line. This may occur if your file was retrieved in a word processor after creating it. Please adjust your right margin to .3; this will prevent "wrapping."
- 2      Invalid Line Length      The rules require that a line not exceed 72 characters in length. This includes white spaces.
- 3      Misaligned Amino  
    Numbering      The numbering under each 5<sup>th</sup> amino acid is misaligned. Do not use tab codes between numbers; use space characters, instead.
- 4      Non-ASCII      The submitted file was not saved in ASCII(DOS) text, as required by the Sequence Rules. Please ensure your subsequent submission is saved in ASCII text.
- 5      Variable Length      Sequence(s)          contain n's or Xaa's representing more than one residue. Per Sequence Rules, each n or Xaa can only represent a single residue. Please present the maximum number of each residue having variable length and indicate in the <220>-<223> section that some may be missing.
- 6      PatentIn 2.0  
    "bug"      A "bug" in PatentIn version 2.0 has caused the <220>-<223> section to be missing from amino acid sequences(s)         . Normally, PatentIn would automatically generate this section from the previously coded nucleic acid sequence. Please manually copy the relevant <220>-<223> section to the subsequent amino acid sequence. This applies to the mandatory <220>-<223> sections for Artificial or Unknown sequences.
- 7      Skipped Sequences  
    (OLD RULES)      Sequence(s)          missing. If intentional, please insert the following lines for each skipped sequence:  
    (2) INFORMATION FOR SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
    (i) SEQUENCE CHARACTERISTICS: (Do not insert any subheadings under this heading)  
    (xi) SEQUENCE DESCRIPTION:SEQ ID NO:X: (insert SEQ ID NO where "X" is shown)  
    This sequence is intentionally skipped  
  
    Please also adjust the "(ii) NUMBER OF SEQUENCES:" response to include the skipped sequences.
- 8      Skipped Sequences  
    (NEW RULES)      Sequence(s)          missing. If intentional, please insert the following lines for each skipped sequence.  
    <210> sequence id number  
    <400> sequence id number  
    000
- 9      Use of n's or Xaa's  
    (NEW RULES)      Use of n's and/or Xaa's have been detected in the Sequence Listing.  
    Per 1.823 of Sequence Rules, use of <220>-<223> is MANDATORY if n's or Xaa's are present.  
    In <220> to <223> section, please explain location of n or Xaa, and which residue n or Xaa represents.
- 10      Invalid <213>  
    Response      Per 1.823 of Sequence Rules, the only valid <213> responses are: Unknown, Artificial Sequence, or scientific name (Genus/species). <220>-<223> section is required when <213> response is Unknown or is Artificial Sequence
- 11      Use of <220>      Sequence(s)          missing the <220> "Feature" and associated numeric identifiers and responses.  
    Use of <220> to <223> is MANDATORY if <213> "Organism" response is "Artificial Sequence" or "Unknown." Please explain source of genetic material in <220> to <223> section.  
    (See "Federal Register," 06/01/1998, Vol. 63, No. 104, pp. 29631-32) (See 1.823 of Sequence Rules)
- 12      PatentIn 2.0  
    "bug"      Please do not use "Copy to Disk" function of PatentIn version 2.0. This causes a corrupted file, resulting in missing mandatory numeric identifiers and responses (as indicated on raw sequence listing). Instead, please use "File Manager" or any other manual means to copy file to floppy disk.
- 13      Misuse of n      n can only be used to represent a single nucleotide in a nucleic acid sequence. N is not used to represent any value not specifically a nucleotide.



1600

## RAW SEQUENCE LISTING

DATE: 01/28/2002

PATENT APPLICATION: US/09/742,148

TIME: 14:15:29

Input Set : A:\A61008-1.txt

Output Set: N:\CRF3\01282002\I742148.raw

pp. 1, 3-6

3 <110> APPLICANT: Buelow, Roland  
 5 <120> TITLE OF INVENTION: Cytomodulating Peptide for Inhibiting Lymphocyte Activity  
 7 <130> FILE REFERENCE: A-61008-1/RFT/TAL  
 9 <140> CURRENT APPLICATION NUMBER: 09/742,148  
 10 <141> CURRENT FILING DATE: 2000-12-19  
 12 <150> PRIOR APPLICATION NUMBER: 08/433,613  
 13 <151> PRIOR FILING DATE: 1995-05-03  
 15 <160> NUMBER OF SEQ ID NOS: 57  
 17 <170> SOFTWARE: PatentIn version 3.1  
 19 <210> SEQ ID NO: 1  
 20 <211> LENGTH: 3  
 21 <212> TYPE: PRT  
 22 <213> ORGANISM: Artificial Sequence  
 24 <220> FEATURE:  
 25 <223> OTHER INFORMATION: oligopeptide  
 27 <400> SEQUENCE: 1  
 29 Tyr Tyr Trp  
 30 1  
 33 <210> SEQ ID NO: 2  
 34 <211> LENGTH: 4  
 35 <212> TYPE: PRT  
 36 <213> ORGANISM: Artificial Sequence  
 38 <220> FEATURE:  
 39 <223> OTHER INFORMATION: oligopeptide  
 41 <400> SEQUENCE: 2  
 43 Arg Tyr Tyr Trp  
 44 1  
 47 <210> SEQ ID NO: 3  
 48 <211> LENGTH: 14  
 49 <212> TYPE: PRT  
 50 <213> ORGANISM: Artificial Sequence  
 52 <220> FEATURE:  
 53 <223> OTHER INFORMATION: oligopeptide  
 55 <220> FEATURE:  
 56 <221> NAME/KEY: MISC\_FEATURE  
 57 <222> LOCATION: (2)..(2)  
 58 <223> OTHER INFORMATION: The amino acid at position 2 can be either Valine or Glutamic  
 aci  
 59 d.  
 62 <220> FEATURE:  
 63 <221> NAME/KEY: MISC\_FEATURE  
 64 <222> LOCATION: (3)..(3)  
 65 <223> OTHER INFORMATION: The amino acid at position 3 can be either Asparagine or  
 Aspartic

insufficient explanation - give source of genetic material

Does Not Comply  
Corrected Diskette Needed

(see item 11 on Enon summary sheet)

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**FEB 12 2002**

**TECH CENTER 1600/2900**

66

acid.

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/742,148

DATE: 01/28/2002

TIME: 14:15:29

Input Set : A:\A61008-1.txt

Output Set: N:\CRF3\01282002\I742148.raw

69 <220> FEATURE:  
70 <221> NAME/KEY: MISC\_FEATURE  
71 <222> LOCATION: (7)..(7)  
72 <223> OTHER INFORMATION: The amino acid at position 7 can be either Alanine or  
Leucine.  
75 <220> FEATURE:  
76 <221> NAME/KEY: MISC\_FEATURE  
77 <222> LOCATION: (9)..(9)  
78 <223> OTHER INFORMATION: The amino acid at position 9 can be either Arginine or  
Glutamic A  
79 cid.  
82 <220> FEATURE:  
83 <221> NAME/KEY: MISC\_FEATURE  
84 <222> LOCATION: (13)..(13)  
85 <223> OTHER INFORMATION: The amino acid at position 13 can be either Glutamine or  
Aspartic  
86 acid.  
89 <400> SEQUENCE: 3  
91 Arg Xaa Xaa Leu Arg Ile Xaa Leu Xaa Tyr Tyr Trp Xaa Ser  
92 1 5 10  
95 <210> SEQ ID NO: 4  
96 <211> LENGTH: 14  
97 <212> TYPE: PRT  
98 <213> ORGANISM: Artificial Sequence  
100 <220> FEATURE:  
101 <223> OTHER INFORMATION: oligopeptide  
103 <400> SEQUENCE: 4  
105 Ser Gly Ser Gly Arg Val Asn Leu Arg Ile Ala Leu Arg Tyr  
106 1 5 10  
109 <210> SEQ ID NO: 5  
110 <211> LENGTH: 14  
111 <212> TYPE: PRT  
112 <213> ORGANISM: Artificial Sequence  
114 <220> FEATURE:  
115 <223> OTHER INFORMATION: oligopeptide  
117 <400> SEQUENCE: 5  
119 Ser Gly Ser Gly Arg Glu Asn Leu Arg Thr Ala Leu Arg Tyr  
120 1 5 10  
123 <210> SEQ ID NO: 6  
124 <211> LENGTH: 14  
125 <212> TYPE: PRT  
126 <213> ORGANISM: Artificial Sequence  
128 <220> FEATURE:  
129 <223> OTHER INFORMATION: oligopeptide  
131 <400> SEQUENCE: 6  
133 Ser Gly Ser Gly Arg Val Asn Leu Arg Thr Ala Leu Arg Tyr  
134 1 5 10  
137 <210> SEQ ID NO: 7  
138 <211> LENGTH: 14  
139 <212> TYPE: PRT  
140 <213> ORGANISM: Artificial Sequence  
142 <220> FEATURE:

## RAW SEQUENCE LISTING

DATE: 01/28/2002

PATENT APPLICATION: US/09/742,148

TIME: 14:15:29

Input Set : A:\A61008-1.txt

Output Set: N:\CRF3\01282002\I742148.raw

143 <223> OTHER INFORMATION: oligopeptide  
145 <400> SEQUENCE: 7  
147 Ser Gly Ser Gly Arg Glu Asp Leu Arg Ile Ala Leu Arg Tyr  
148 1 5 10  
151 <210> SEQ ID NO: 8  
152 <211> LENGTH: 14  
153 <212> TYPE: PRT  
154 <213> ORGANISM: Artificial Sequence  
156 <220> FEATURE:  
157 <223> OTHER INFORMATION: oligopeptide  
159 <400> SEQUENCE: 8  
161 Ser Gly Ser Gly Arg Glu Asx Lys Arg Ile Leu Leu Arg Tyr  
162 1 5 10  
165 <210> SEQ ID NO: 9  
166 <211> LENGTH: 14  
167 <212> TYPE: PRT  
168 <213> ORGANISM: Artificial Sequence  
170 <220> FEATURE:  
171 <223> OTHER INFORMATION: oligopeptide  
173 <400> SEQUENCE: 9  
175 Ser Gly Ser Gly Arg Val Asp Leu Arg Thr Leu Leu Arg Tyr  
176 1 5 10  
179 <210> SEQ ID NO: 10  
180 <211> LENGTH: 14  
181 <212> TYPE: PRT  
182 <213> ORGANISM: Artificial Sequence  
184 <220> FEATURE:  
185 <223> OTHER INFORMATION: oligopeptide  
187 <400> SEQUENCE: 10  
189 Ser Gly Ser Gly Arg Glu Ser Leu Arg Ile Ala Leu Arg Tyr  
190 1 5 10  
193 <210> SEQ ID NO: 11  
194 <211> LENGTH: 14  
195 <212> TYPE: PRT  
196 <213> ORGANISM: Artificial Sequence  
198 <220> FEATURE:  
199 <223> OTHER INFORMATION: oligopeptide  
201 <400> SEQUENCE: 11  
203 Ser Gly Ser Gly Arg Val Ser Leu Arg Thr Ala Leu Arg Tyr  
204 1 5 10  
207 <210> SEQ ID NO: 12  
208 <211> LENGTH: 14  
209 <212> TYPE: PRT  
210 <213> ORGANISM: Artificial Sequence  
212 <220> FEATURE:  
213 <223> OTHER INFORMATION: oligopeptide  
215 <400> SEQUENCE: 12  
217 Ser Gly Ser Gly Arg Glu Asn Ile Arg Asn Ala Leu Arg Tyr  
218 1 5 10

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/742,148

DATE: 01/28/2002

TIME: 14:15:29

Input Set : A:\A61008-1.txt

Output Set: N:\CRF3\01282002\I742148.raw

221 <210> SEQ ID NO: 13  
222 <211> LENGTH: 14  
223 <212> TYPE: PRT  
224 <213> ORGANISM: Artificial Sequence  
226 <220> FEATURE:  
227 <223> OTHER INFORMATION: oligopeptide  
229 <400> SEQUENCE: 13  
231 Ser Gly Ser Gly Arg Glu Asn Leu Arg Ile Ala Arg Arg Tyr  
232 1 5 10  
235 <210> SEQ ID NO: 14  
236 <211> LENGTH: 14  
237 <212> TYPE: PRT  
238 <213> ORGANISM: Artificial Sequence  
240 <220> FEATURE:  
241 <223> OTHER INFORMATION: oligopeptide  
243 <400> SEQUENCE: 14  
245 Ser Gly Ser Gly Arg Glu Asn Leu Arg Ile Ala Leu Gly Tyr  
246 1 5 10  
249 <210> SEQ ID NO: 15  
250 <211> LENGTH: 14  
251 <212> TYPE: PRT  
252 <213> ORGANISM: Artificial Sequence  
254 <220> FEATURE:  
255 <223> OTHER INFORMATION: oligopeptide  
257 <400> SEQUENCE: 15  
259 Ser Gly Ser Gly Arg Glu Ser Leu Arg Asn Leu Arg Gly Tyr  
260 1 5 10  
263 <210> SEQ ID NO: 16  
264 <211> LENGTH: 14  
265 <212> TYPE: PRT  
266 <213> ORGANISM: Artificial Sequence  
268 <220> FEATURE:  
269 <223> OTHER INFORMATION: oligopeptide  
271 <400> SEQUENCE: 16  
273 Ser Gly Ser Gly Glu Asn Leu Arg Ile Ala Leu Arg Tyr Tyr  
274 1 5 10  
277 <210> SEQ ID NO: 17  
278 <211> LENGTH: 14  
279 <212> TYPE: PRT  
280 <213> ORGANISM: Artificial Sequence  
282 <220> FEATURE:  
283 <223> OTHER INFORMATION: oligopeptide  
285 <400> SEQUENCE: 17  
287 Ser Gly Ser Gly Asn Leu Arg Ile Ala Leu Arg Tyr Tyr Trp  
288 1 5 10  
291 <210> SEQ ID NO: 18  
292 <211> LENGTH: 14  
293 <212> TYPE: PRT  
294 <213> ORGANISM: Artificial Sequence

## RAW SEQUENCE LISTING

PATENT APPLICATION: US/09/742,148

DATE: 01/28/2002

TIME: 14:15:29

Input Set : A:\A61008-1.txt

Output Set: N:\CRF3\01282002\I742148.raw

296 <220> FEATURE:  
 297 <223> OTHER INFORMATION: oligopeptide  
 299 <400> SEQUENCE: 18  
 301 Ser Gly Ser Gly Leu Arg Ile Ala Leu Arg Tyr Tyr Trp Asp  
 302 1 5 10  
 305 <210> SEQ ID NO: 19  
 306 <211> LENGTH: 13  
 307 <212> TYPE: PRT  
 308 <213> ORGANISM: Artificial Sequence  
 310 <220> FEATURE:  
 311 <223> OTHER INFORMATION: oligopeptide  
 313 <400> SEQUENCE: 19  
 315 Ser Gly Ser Gly Ile Ala Leu Arg Tyr Tyr Trp Asp Ser  
 316 1 5 10  
 319 <210> SEQ ID NO: 20  
 320 <211> LENGTH: 13  
 321 <212> TYPE: PRT  
 322 <213> ORGANISM: Artificial Sequence  
 324 <220> FEATURE:  
 325 <223> OTHER INFORMATION: oligopeptide  
 327 <400> SEQUENCE: 20  
 329 Ser Gly Ser Gly Ala Leu Arg Tyr Tyr Trp Asp Ser Glu  
 330 1 5 10  
 333 <210> SEQ ID NO: 21  
 334 <211> LENGTH: 13  
 335 <212> TYPE: PRT  
 336 <213> ORGANISM: Artificial Sequence  
 338 <220> FEATURE:  
 339 <223> OTHER INFORMATION: oligopeptide  
 341 <400> SEQUENCE: 21  
 343 Ser Gly Ser Gly Leu Arg Tyr Tyr Trp Asp Ser Glu Ala  
 344 1 5 10  
 347 <210> SEQ ID NO: 22  
 348 <211> LENGTH: 12  
 349 <212> TYPE: PRT  
 350 <213> ORGANISM: Artificial Sequence  
 352 <220> FEATURE:  
 353 <223> OTHER INFORMATION: oligopeptide  
 355 <400> SEQUENCE: 22  
 357 Ser Gly Ser Gly Arg Ile Ala Leu Arg Ala Ala Ala  
 358 1 5 10  
 361 <210> SEQ ID NO: 23  
 362 <211> LENGTH: 13  
 363 <212> TYPE: PRT  
 364 <213> ORGANISM: Artificial Sequence  
 366 <220> FEATURE:  
 367 <223> OTHER INFORMATION: oligopeptide  
 369 <400> SEQUENCE: 23  
 371 Ser Gly Ser Gly Arg Ile Ala Leu Arg Ala Ala Ala Ala

The types of errors shown exist throughout the Sequence Listing. Please check subsequent sequences for similar errors.

Use of n and/or Xaa has been detected in the Sequence Listing. Review the Sequence Listing to insure a corresponding explanation is presented in the <220> to <223> fields of each sequence using n or Xaa.

FYI



VERIFICATION SUMMARY

DATE: 01/28/2002

PATENT APPLICATION: US/09/742,148

TIME: 14:15:30

Input Set : A:\A61008-1.txt

Output Set: N:\CRF3\01282002\I742148.raw

L:91 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:3  
L:952 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57  
L:956 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:57